

## SEQUENCE LISTING

<110> Takeda Chemical Industries, Ltd.

<120> Novel G Protein Coupled Receptor Protein and Its Use

5 <130> 2633WOOP

<150> JP 11-241530

<151> 1999-08-27

<160> 7

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10 <211> 431

<212> PRT

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25                        85                        90                        95

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	Val His Gln Lys Ile Tyr Thr Thr Phe Ile Leu Val Ile Leu Phe Leu		
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20 <213> Artificial Sequence

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## SEQUENCE LISTING

<110> WATANABE, TAKUYA  
KIKUCHI, KUNIKO  
SHINTANI, YASUSHI

<120> NOVEL G PROTEIN-COUPLED RECEPTOR PROTEIN  
AND DNA THEREOF

<130> 57132(46342)

<140> 10/070,241

<141> 2002-02-27

<150> JP 11-241530

<151> 1999-08-27

<160> 7

<210> 1

<211> 431

<212> PRT

<213> Homo sapiens

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Pro	Leu	Val	Tyr	Thr	Pro	Glu	Leu	Pro	Gly	Arg	Ala	Lys	Leu	Ala	Leu	35	40	45	
Val	Leu	Thr	Gly	Val	Leu	Ile	Phe	Ala	Leu	Ala	Leu	Phe	Gly	Asn	Ala	50	55	60	
Leu	Val	Phe	Tyr	Val	Val	Thr	Arg	Ser	Lys	Ala	Met	Arg	Thr	Val	Thr	65	70	75	80
Asn	Ile	Phe	Ile	Cys	Ser	Leu	Ala	Leu	Ser	Asp	Leu	Leu	Ile	Thr	Phe	85	90	95	
Phe	Cys	Ile	Pro	Val	Thr	Met	Leu	Gln	Asn	Ile	Ser	Asp	Asn	Trp	Leu	100	105	110	
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Gln	Gly	Leu	Val	His	Pro	Phe	Lys	Met	Lys	Trp	Gln	Tyr	Thr	Asn	Arg	145	150	155	160
Arg	Ala	Phe	Thr	Met	Leu	Gly	Val	Val	Trp	Leu	Val	Ala	Val	Ile	Val	165	170	175	

# SEQUENCE LISTING

- 110 · Takeda Chemical Industries, Ltd.
- 120 · Novel G Protein Coupled Receptor Protein and Its Use
- 130 · 2633W00P
- 150 · JP 11-241530
- 151 · 1999-08-27
- 160 · 7
- 210 · 1
- 211 · 431
- 212 · PRT
- 213 · Human
- 400 · 1

Met Gln Ala Leu Asn Ile Thr Pro Glu Gln Phe Ser Arg Leu Leu Arg			
1	5	10	15
Asp His Asn Leu Thr Arg Glu Gln Phe Ile Ala Leu Tyr Arg Leu Arg			
20	25	30	
Pro Leu Val Tyr Thr Pro Glu Leu Pro Gly Arg Ala Lys Leu Ala Leu			
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Gln Gly Leu Val His Pro Phe Lys Met Lys Trp Gln Tyr Thr Asn Arg			
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Leu Trp Ile Lys Lys Arg Val Gly Asp Gly Ser Val Leu Arg Thr Ile			
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His Gly Lys Glu Met Ser Lys Ile Ala Arg Lys Lys Lys Arg Ala Val			
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Ile Met Met Val Thr Val Val Ala Leu Phe Ala Val Cys Trp Ala Pro			
275	280	285	
Phe His Val Val His Met Met Ile Glu Tyr Ser Asn Phe Glu Lys Glu			
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Tyr Asp Asp Val Thr Ile Lys Met Ile Phe Ala Ile Val Gln Ile Ile			



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Phe Arg Ser Glu Leu Ala Glu Asn Ser Pro Leu Asp Ser Gly His			
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· 211 · 1293

· 212 · DNA

· 213 · Human

· 400 · 2

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211 37

212 DNA

213 Artificial Sequence

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223

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· 212 · DNA

· 213 · Artificial Sequence

· 220 ·

· 223

· 400 · 5

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· 212 · DNA

· 213 · Artificial Sequence

· 220 ·

· 223 ·

· 400 · 6

GATCTCAAGT TGTGACAGT GC 22

· 210 · 7

· 211 · 26

· 212 · DNA

· 213 · Artificial Sequence

· 220 ·

· 223 ·

· 400 · 7

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 His Gly Lys Glu Met Ser Lys Ile Ala Arg Lys Lys Lys Arg Ala Val  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 6  
gatctcaagt tggtgcacgt gc 22

<210> 7  
<211> 26  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
probe

<400> 7  
tggcagtcac cgtaggatca cccatg 26